RD35TC

ParLock Multispiral Drilling Application

API 7K Grade D/ISO 14693



- Interlock Technology
- Reinforcement of six high tensile steel wires
- Constant working pressure of 35.0 MPa
- Design factor 2.5:1
- Highly abrasion resistant TOUGH COVER
- MSHA approved
- Hose is suitable for temporary immersion in mineral oil up to 70 °C with frequent inspections
- Antistatic properties

Primary Applications

Rotary drilling and vibrator high pressure hydraulic applications

Type Approvals

Details please find on pages ***Ab-16*** to ***Ab-19***

Applicable Specifications

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Construction

Inner Tube: Synthetic rubber
Reinforcement: Six spirals high-tensile steel wire
Cover: Highly abrasion resistance
MSHA approved synthetic rubber

Temperature Range ..... -20 °C up to +100 °C

Exception: Air ..... max. +70 °C
Water ..... max. +85 °C

Recommended Fluids

Water, mud and cement, mineral oils, glycols and polyglycols, mineral oils in aqueous emulsion. Consult the chemical compatibility section on pages ***Ab-26*** to ***Ab-34*** for more detailed information.

Fitting Series

Internal and external skiving — V6

Part Number	Hose I.D.				Hose O.D.	Pressure Rating: max. working pressure		Pressure Rating: min. burst pressure		min. bend radius	weight
	DN	Inch	Size	mm	mm	MPa	psi	MPa	psi	mm	kg
RD35TC-32	51	2	-32	50.8	71.10	35.0	5000	88.0*	12750	600	6.7
RD35TC-40	63	2 1/2	-40	63.5	84.50	35.0	5000	88.0*	12750	800	9.0
RD35TC-48	76	3	-48	76.2	96.00	35.0	5000	88.0*	12750	900	10.0

Replace the hose when any deformation or damage on the hose cover are visible.
The combination of high temperature and high pressure could reduce the hose life.

Hose layline example



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